

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On August 29, 2006

TOWNSEND and TOWNSEND and CREW LLP

By: Connie Larson

Connie Larson

*IFCU* *1745*  
**PATENT**  
Attorney Docket No.: 085740-000000US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Menachem Nathan et al.

Application No.: 10/531,529

Filed: June 27, 2005

For: THIN-FILM CATHODE FOR 3-DIMENSIONAL MICROBATTERY AND METHOD FOR PREPARING SUCH CATHODE

Confirmation No.: 1927

Examiner:

Art Unit: 1745

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

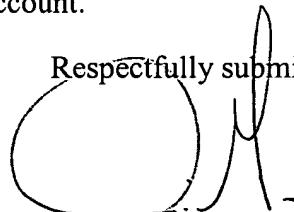
The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 37 CFR §1.98(a)(2)] are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the Search/Examination report corresponding to the PCT application. Document FR 2550 015 is not in the English language. A concise explanation of the relevance of document FR 2550 015 is found in the attached International Search Report.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Darin J. Gibby', is written over a large, empty oval shape that serves as a placeholder for a stamp or seal.

Darin J. Gibby  
Reg. No. 38,464

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: 303-571-4000  
Fax: 303-571-4321  
DJG/cl  
60856532 v1



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

| Sheet |  | 1 |  | of |  | 2                      |                  | Complete if Known  |            |
|-------|--|---|--|----|--|------------------------|------------------|--------------------|------------|
|       |  |   |  |    |  |                        |                  | Application Number | 10/531,529 |
|       |  |   |  |    |  | Filing Date            | June 27, 2005    |                    |            |
|       |  |   |  |    |  | First Named Inventor   | Nathan, Menachem |                    |            |
|       |  |   |  |    |  | Art Unit               | 1745             |                    |            |
|       |  |   |  |    |  | Examiner Name          |                  |                    |            |
|       |  |   |  |    |  | Attorney Docket Number | 085740-000000US  |                    |            |

**U.S. PATENT DOCUMENTS**

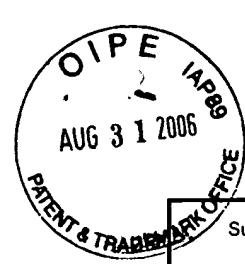
| Examiner Initials* | Cite No. <sup>1</sup> | Document Number<br>Number Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|---|--------------------------------|--|---|
|                    | AA                    | US-6,197,450  | 3-2001                         | Peled et al.                                       |   |
|                    | AB                    | US-6,300,709  | 10-2001                        | DeVoe et al.                                       |   |
|                    | AC                    | US-6,260,388  | 7-2001                         | Borrelli et al.                                    |   |
|                    | AD                    | US-6,270,714  | 8-2001                         | Azran et al.                                       |   |
|                    | AE                    | US-5,162,178  | 11-1992                        | Ohsawa et al.                                      |   |
|                    | AF                    | US-5,338,625  | 8-1994                         | Bates et al.                                       |   |
|                    | AG                    | US-5,567,210  | 10-1996                        | Bates et al.                                       |   |
|                    | AH                    | US-6,214,161  | 4-2001                         | Becker et al.                                      |   |
|                    | AI                    | US-5,498,312  | 3-1996                         | Laermer et al.                                     |   |
|                    | AJ                    | US-6,303,512  | 10-2001                        | Laermer et al.                                     |   |
|                    | AK                    | US-   |                                |  |   |
|                    | AL                    | US-   |                                |  |   |
|                    | AM                    | US-   |                                |  |   |
|                    | AN                    | US-   |                                |  |   |
|                    | AO                    | US-   |                                |  |   |
|                    | AP                    | US-   |                                |  |   |
|                    | AQ                    | US-   |                                |  |   |
|                    | AR                    | US-   |                                |  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   |                                  |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup>                      |
|--------------------|-----------------------|---------------------------|----------------------------------|-----------------------------------|--------------------------------|--|---|-------------------------------------|
|                    |                       | Country Code <sup>3</sup> | Number <sup>4</sup>              | Kind Code <sup>5</sup> (if known) |                                |  |   |                                     |
|                    | AS                    | WIPO                      | WO 05/036711                     |                                   | 4-2005                         |  |   | <input checked="" type="checkbox"/> |
|                    | AT                    | WIPO                      | WO 05/101973                     |                                   | 11-2005                        |  |   | <input checked="" type="checkbox"/> |
|                    | AU                    | France                    | FR 2550015                       |                                   | 1-1985                         |  | See Search Report   | <input type="checkbox"/>            |
|                    | AV                    | Europe                    | EP 0450848                       |                                   | 10-1991                        |  |   | <input checked="" type="checkbox"/> |
|                    | AW                    | EP                        | EP 1134821<br>With Search Report |                                   | 9-2001                         |  |   | <input checked="" type="checkbox"/> |

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                  |
|------------------------|------------------|
| Application Number     | 10/531,529       |
| Filing Date            | June 27, 2005    |
| First Named Inventor   | Nathan, Menachem |
| Art Unit               | 1745             |
| Examiner Name          |                  |
| Attorney Docket Number | 085740-000000US  |

|       |   |    |   |
|-------|---|----|---|
| Sheet | 2 | of | 2 |
|-------|---|----|---|

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials * | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>           |
|---------------------|-----------------------|---|--------------------------|
|                     | BA                    | J.J. Devadasan, et al., Journal of Crystal Growth 226 (2001) 67-72.   | <input type="checkbox"/> |
|                     | BB                    | P. Fragnaud, et al., Journal of Power Sources 54 (1995) 362-366.  | <input type="checkbox"/> |
|                     | BC                    | I. Martin-Litas, et al., Journal of Power Sources 97-98 (2001) 545-547.   | <input type="checkbox"/> |
|                     | BD                    | Long, et al., "Three-dimensional battery architectures", Chemical Review, Vol. 10, Number 104, October 2004.  | <input type="checkbox"/> |
|                     | BE                    | Golodnitsky, et al., "Progress in three-dimensional (3D) Li-Ion microbatteries", The 15 <sup>th</sup> International Conference on Solid-State Ionics (SSI-15), Baden-Baden, Germany, July 17-22, 2005.  | <input type="checkbox"/> |
|                     | BF                    | Albu-Yaron, et al., "Influence of the electrochemical deposition parameters on the microstructure of MoS <sub>2</sub> thin films", Thin Solid Films, Elsevier-Sequoia S.A. Lausanne, CH. Vol. 361-362, no. 1, February 2000, pages 223-228.                     | <input type="checkbox"/> |
|                     | BG                    | U.S. Provisional Patent Application Number 60/418,718.  | <input type="checkbox"/> |
|                     | BH                    | Y. Miki, et al., Journal of Power Sources 54 (1995) 508-510.  | <input type="checkbox"/> |
|                     | BI                    | Norma R. de Tacconi, et al., J. Phys. Chem. (1996), 100, 18234-18239.   | <input type="checkbox"/> |
|                     | BJ                    | E.A. Ponomarev, et al., Thin Solid Films 280 (1996) 86-89.  | <input type="checkbox"/> |

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.